

Abstract

A composite fire stopping article capable of fire stopping through -
 5 penetrations without the need for a secondary reinforcement structure includes an
 interior insulating material, such as mineral wool, sandwiched between layers of an
 intumescent material. The insulating material and intumescent material may be
 enclosed in a bag formed of a polymeric material. The intumescent material is
 substantially free of graphite and consists essentially of filler material, binder
 10 material, and a hydrated alkali metal silicate intumescent component.